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A Petri Net-based Model for Web Service Composition Rachid Hamadi Boualem

Benatallah School of Computer Science and Engineering The University of New South ...

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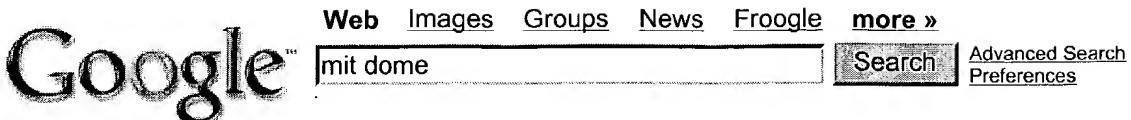
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**1 Session C5: interactive techniques: Case study on the adaptation of interactive visualization applications to web-based production for operational mesoscale weather models** 

Lloyd A. Treinish

October 2002 **Proceedings of the conference on Visualization '02**Full text available:  pdf(3.46 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Visualization is required for the effective utilization of data from a weather simulation. Appropriate mapping of user goals to the design of pictorial content has been useful in the development of interactive applications with sufficient bandwidth for timely access to the model data. When remote access to the model visualizations is required the limited bandwidth becomes the primary bottleneck. To help address these problems, visualizations are presented on a web page as a meta-representation o ...

**Keywords:** meteorology, visualization, world-wide-web

**2 Visualization: Interactive Web-based visualisation of block model data** 

Tony Gill, Con Caris, Guy LeBlanc Smith

April 2004 **Proceedings of the ninth international conference on 3D Web technology**Full text available:  pdf(748.61 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Mining operations have traditionally used specialised software packages to process and visualise valuable mining data. The downside to this approach is that the information can only be viewed when the expert who knows how to operate the software is available. In this study we have built upon an existing, easy to use, interactive intranet-based visualisation system that integrates geological, geophysical, geotechnical and mining information. This system facilitates the communication between group ...

**Keywords:** VRML, X3D, mining, scientific visualisation

**3 Web-based dynamic information visualization using exact-time animation** 

Kay A. Robbins, Steven Robbins

February 1998 **Proceedings of the 1998 ACM symposium on Applied Computing**Full text available:  pdf(1.87 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** animation, exact-time, time-critical, visualization



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THE **EMERGENT MODEL**. We have only begun to realize the potential for information technology to transform the process of scientific research and communication. ...  
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### 1995 comp-neuro postings: Paper Available: **Emergent Model** of ...

Paper Available: **Emergent Model** of Orientation Selectivity in Cat Visual Cortex. David Somers (somers@ai.mit.edu) Thu, 16 Mar 95 00:01:39 EST: ...  
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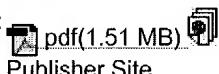
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Relevance scale      **1 A statistically emergent approach for language processing: application to modeling context effects in ambiguous Chinese word boundary perception**

Kok-Wee Gan, Kim-Teng Lua, Martha Palmer

December 1996 **Computational Linguistics**, Volume 22 Issue 4

Full text available:

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This paper proposes that the process of language understanding can be modeled as a collective phenomenon that emerges from a myriad of microscopic and diverse activities. The process is analogous to the crystallization process in chemistry. The essential features of this model are: asynchronous parallelism; temperature-controlled randomness; and statistically emergent active symbols. A computer program that tests this model on the task of capturing the effect of context on the perception of ambi ...

**2 Papers: Expressive user interfaces: Aesthetic information collages: generating decorative displays that contain information**

James Fogarty, Jodi Forlizzi, Scott E. Hudson

November 2001 **Proceedings of the 14th annual ACM symposium on User interface software and technology**Full text available: [pdf\(1.56 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Normally, the primary purpose of an information display is to convey information. If information displays can be aesthetically interesting, that might be an added bonus. This paper considers an experiment in reversing this imperative. It describes the *Kandinsky* system which is designed to create displays which are first aesthetically interesting, and then as an added bonus, able to convey information. The Kandinsky system works on the basis of aesthetic properties specified by an artist ( ...

**Keywords:** Visual design, aesthetics in computational objects, ambient information displays in decorative objects, display generation, optimization, simulated annealing

**3 Contrasting the application of soft systems methodology and reflective practice to the development of organizational knowledge and learning — a review of two cases in the UK National Health Service**

Christopher Bond, Sandi Kirkham

April 1999 **Proceedings of the 1999 ACM SIGCPR conference on Computer personnel research**Full text available: [pdf\(1.38 MB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)



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**1 UML profile to support requirements engineering with KAOS**

*Heaven, W.; Finkelstein, A.;*

Software, IEE Proceedings- [see also Software Engineering, IEE Proceedings], Volume: 151, Issue: 1, 9 Feb. 2004

Pages:10 - 27

[\[Abstract\]](#) [\[PDF Full-Text \(564 KB\)\]](#) **IEE JNL**

**2 Requirements engineering with GRAIL/KAOS: tell the requirements, all the requirements, and nothing else but the requirements**

*Darimont, R.; Delor, E.; Roussel, J.-L.; Rifaut, A.;*

Requirements Engineering, 2002. Proceedings. IEEE Joint International Conference on, 9-13 Sept. 2002

Pages:299

[\[Abstract\]](#) [\[PDF Full-Text \(321 KB\)\]](#) **IEEE CNF**

**3 GRAIL/KAOS: an environment for goal-driven requirements analysis, integration and layout**

*Darimont, R.; Delor, E.; Massonet, P.; van Lamsweerde, A.;*

Requirements Engineering, 1997., Proceedings of the Third IEEE International Symposium on, 6-10 Jan. 1997

Pages:140

[\[Abstract\]](#) [\[PDF Full-Text \(60 KB\)\]](#) **IEEE CNF**

**4 Deriving tabular event-based specifications from goal-oriented requirements models**

*De Landtsheer, R.; Letier, E.; van Lamsweerde, A.;*

Requirements Engineering Conference, 2003. Proceedings. 11th IEEE International, 8-12 Sept. 2003

Pages:200 - 210

[\[Abstract\]](#) [\[PDF Full-Text \(315 KB\)\]](#) **IEEE CNF**